

Converting Colors

XYZ(18.2633, 24.9032, 24.9994)

Have a look what the booklet for
XYZ(18.2633, 24.9032, 24.9994)
contains.

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Color

**XYZ(18.2564, 24.9004,
24.9631)**

Conversions

Conversions Part 1

Format	Color
Hex	529582
RGB	82, 149, 130
RGB Percent	32%, 58%, 51%
CMY	0.6784, 0.4157, 0.4902
CMYK	0.45, 0.00, 0.13, 0.42
HSL	163°, 29%, 45%
HSV	163°, 45%, 58%
XYZ	18.2564, 24.9004, 24.9631
YIQ	126.8010, -33.8330, -20.1130

Conversions

Conversions Part 2

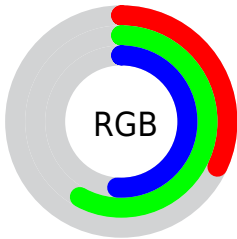
Format	Color
RYB	82, 121, 149
Decimal	5412226
CIELab	56.98, -26.07, 3.42
CIElCh	57, 26.296, 172.534
Yxy	24.9004, 0.2680, 0.3655
Android (android.graphics.Color)	4283602306 (0xFF529582)
YUV	126.8010, 1.5771, -39.2905
Hunter-Lab	49.9003, -22.0200, 5.2698

Details

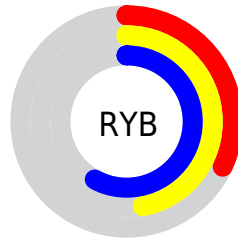
The XYZ color **18.2564, 24.9004, 24.9631** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **17.7616, 13.3645, 13.9565**, and the grayscale version is **20.1082, 21.1554, 23.0382**.

A 20% lighter version of the original color is **39.8949, 51.2817, 52.5954**, and **6.3318, 9.5763, 9.2993** is the 20% darker color. If you saturate the color by 10%, you get **16.8210, 24.1932, 23.4459**, and if you desaturate by 10%, it is **19.9862, 25.7593, 26.5560**.

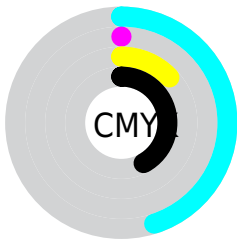
Distribution



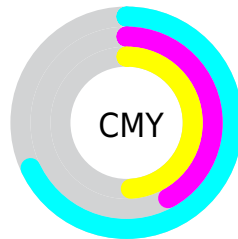
- Red (32%)
- Green (58%)
- Blue (51%)



- Red (32%)
- Yellow (47%)
- Blue (58%)



- Cyan (45%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)



- Cyan (68%)
- Magenta (42%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 18.2564, 24.9004, 24.9631 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 18.2564, 24.9004, 24.9631 by changing the saturation by 10% instead.

■ 18.2564, 24.9004,
24.9631

■ 18.2564, 24.9004,
24.9631

235.3300,
277.3416, 291.0959

■ 11.2350, 16.0029,
15.8308

■ 40.0004, 51.4956,
52.5607

■ 6.2936, 9.5262,
9.2514

■ 55.4538, 69.9620,
71.8631

■ 3.0668, 5.0860,
4.8065

■ 74.4485, 92.3869,
95.3927

■ 1.1892, 2.2978,
2.0774

■ 97.3499, 119.1546,
123.5678

■ 0.0978, 0.7725,
0.6023

■ 124.5234,
150.6496, 156.8072

■ 0.0000, 0.0000,
0.0000

156.3344,

187.2561, 195.5293

193.1481,
229.3586, 240.1527

■ 18.2564, 24.9004,
24.9631

■ 18.2564, 24.9004,
24.9631

■ 16.8210, 24.1932,
23.4459

■ 19.9862, 25.7593,
26.5560

■ 15.6595, 23.6251,
22.0011

■ 22.0252, 26.7757,
28.2243

■ 14.7516, 23.1866,
20.6276


■ 24.3897, 27.9584,
29.9701


■ 14.0738, 22.8653,
19.3234


■ 27.0943, 29.3151,
31.7947


■ 13.5952, 22.6455,
18.0864


■ 30.1524, 30.8526,
33.6995

 13.3883, 22.5519,
17.4869

 33.5770, 32.5776,
35.6857

 37.3802, 34.4964,
37.7544

 41.5738, 36.6150,
39.9070

 46.1688, 38.9390,
42.1446

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.2618, 24.9004, 18.0312



18.2564, 24.9004, 24.9631



18.5973, 24.9004, 34.1623

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.2564, 24.9004, 24.9631



26.0154, 24.9004, 46.0384



27.4641, 24.9004, 15.7347

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



18.2564, 24.9004, 24.9631



17.7616, 13.3645, 13.9565

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.5834, 24.9004, 21.1058



18.2564, 24.9004, 24.9631



28.6975, 24.9004, 38.8222

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



18.2564, 24.9004, 24.9631



22.9042, 24.9004, 47.7001



30.0533, 24.9004, 29.3815



24.4467, 24.9004, 13.5093

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



18.2564, 24.9004, 24.9631



19.5574, 24.9004, 40.3036



30.0533, 24.9004, 29.3815



28.3156, 24.9004, 17.1680

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



18.2571, 24.9014, 24.9637



44.4578, 50.4592, 54.2166



17.7621, 24.9357, 11.8601



9.6467, 11.0793, 11.8710



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.2571, 24.9014, 24.9637



30.0930, 43.3105, 41.9526



17.6532, 21.4606, 31.6467



5.8947, 6.5345, 7.0563



11.2808, 18.9851, 14.7862



0.1507, 0.2374, 0.2477

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



17.7616, 13.3645, 13.9565



29.1010, 19.9401, 19.7136



18.0466, 15.2562, 9.9768



5.8644, 5.8408, 6.3921



10.7987, 5.5245, 2.4212



0.1435, 0.0722, 0.0894

Previews

White Background



This preview shows how the XYZ color 18.2564, 24.9004, 24.9631 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 18.2564, 24.9004, 24.9631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 18.2564, 24.9004, 24.9631

Background



This preview shows how black text looks on a background with the XYZ color 18.2564, 24.9004, 24.9631.

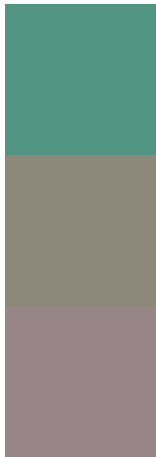


This preview shows how white text looks on a background with the XYZ color 18.2564, 24.9004,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

18.2564, 24.9004, 24.9631

Protanopia

23.5346, 24.7892, 22.2833

Deuteranopia

25.1320, 24.7078, 25.9987



Tritanopia

20.3310, 24.8090, 35.6153

Trichromacy



Original Color

18.2564, 24.9004, 24.9631

Protanomaly

21.0365, 24.5492, 23.3684

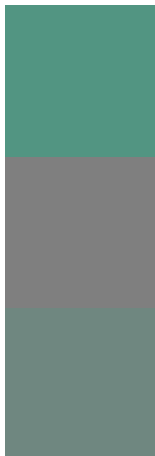
Deuteranomaly

21.7796, 24.2304, 25.7193

Tritanomaly

19.3831, 24.6428, 31.3387

Monochromacy



Original Color

18.2564, 24.9004, 24.9631

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

19.1158, 22.2660, 23.7123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 18.2564, 24.9004, 24.9631 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(82, 149, 130)` looks like.

```
.text, #text, p{  
  color:rgb(82, 149, 130)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(82, 149, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 149, 130) }
```

Border

The CSS property to change the border of an element to XYZ 18.2564, 24.9004, 24.9631 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(82, 149, 130) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(82, 149, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(82, 149, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 149, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 149, 130);  
box-shadow:4px 4px 4px 4px rgb(82, 149,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 18.2564, 24.9004, 24.9631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 149, 130) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(82, 149,  
130) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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